

Engine Firing Orders and Cylinder Numbering Layout

BACKGROUND

When troubleshooting, it's sometimes helpful to know the firing order and the cylinder numbering layout. The 2012 and earlier service manuals do not include cylinder numbering layouts, and some older service manuals do not include the firing order.

To find the engine type in recent service manuals, do this:

- In printed service manuals, go to the **General Information** section (i), and look under **Chassis and Paint Codes**, and then under **Engine Number**.
- Online, enter keywords **ENGINE NUMBER**, then select **VIN, Engine and Transmission Numbers, and Paint Codes** from the list.

Engine Number

K24Z2 - 1000001

a b

ENGINE TYPE

a. Engine Type

- K24Z2: 2.4 L DOHC i-VTEC Sequential Multiport Fuel-injected, 177HP engine
- K24Z3: 2.4 L DOHC i-VTEC Sequential Multiport Fuel-injected, 190HP engine

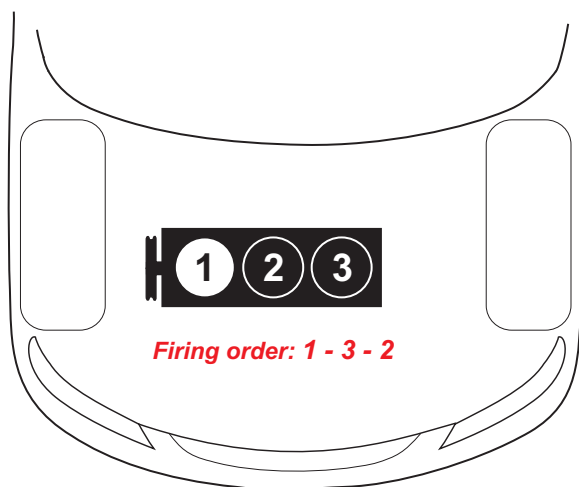
b. Serial Number

- 1000001—: All models except PZEV produced in Marysville
- 1400001—: All models except PZEV produced in Saitama
- 1500001—: PZEV produced in Marysville
- 1700001—: PZEV produced in Saitama

If you need to find the firing order in pre-1990 printed service manuals, go to the **Specifications** section (3), and look under **Standards and Service Limits, Engine Electrical, Ignition Coil** (or Ignition Wire)

L3-Cylinder Engine

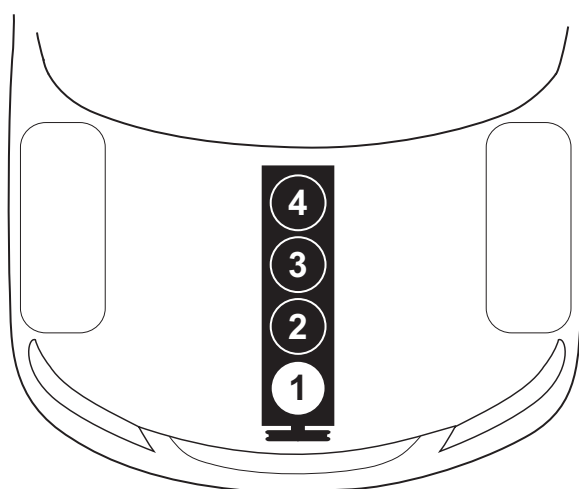
Clockwise engine rotation



L4-Cylinder Engines – D Engine Type

Passport

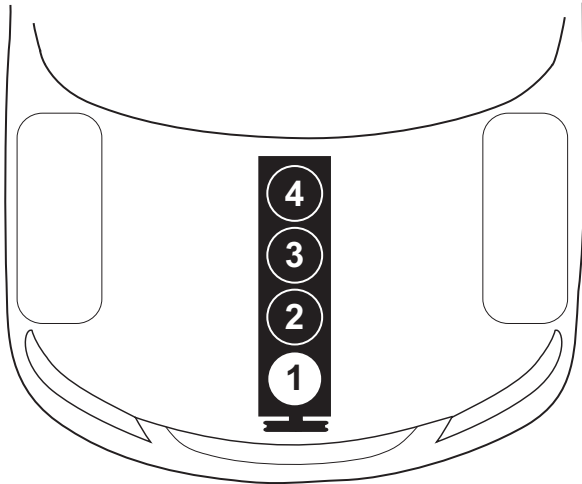
Clockwise engine rotation



L4-Cylinder Engines – F Engine Type

S2000

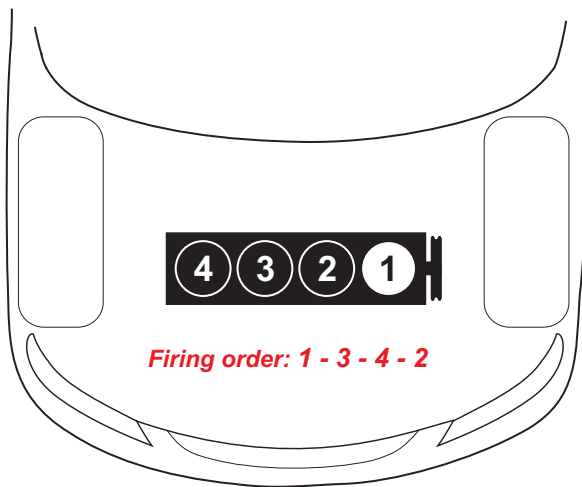
Clockwise engine rotation



Firing order: 1 - 3 - 4 - 2

L4-Cylinder Engines – B, D, and F Engine Types

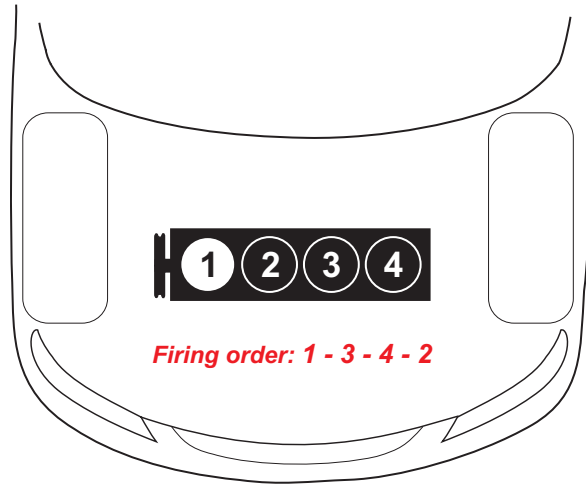
Counter-Clockwise engine rotation



Firing order: 1 - 3 - 4 - 2

L4-Cylinder Engines – K and R Engine Types

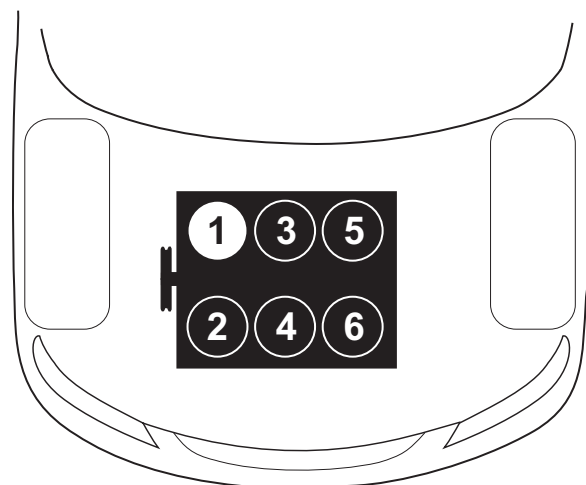
Clockwise engine rotation



Firing order: 1 - 3 - 4 - 2

V6-Cylinder Engine – C Engine Type

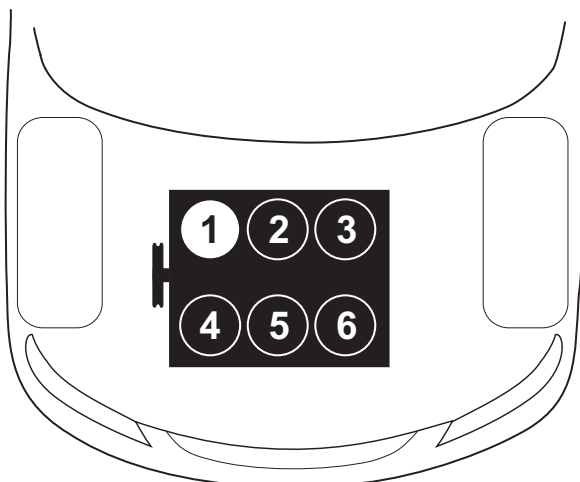
Clockwise engine rotation



Firing order: 1 - 2 - 3 - 4 - 5 - 6

V6–Cylinder Engine – J Engine Type

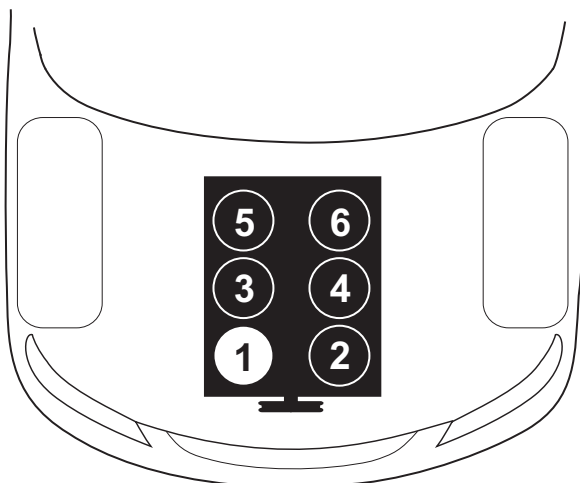
Clockwise engine rotation



Firing order: 1 - 4 - 2 - 5 - 3 - 6

V6 – Cylinder Engine – V and W Engine Types

Clockwise engine rotation



Firing order: 1 - 2 - 3 - 4 - 5 - 6